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Title: Simulating forensic casework scenarios in experimental studies: The generation of footwear marks in blood



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ACCEPTED MANUSCRIPT

1	Simulating forensic casework scenarios in experimental studies:
2	The generation of footwear marks in blood
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14	Simulating forensic casework scenarios in experimental studies:
15	The generation of footwear marks in blood
16	
17	Key words
18	Forensic science; footwear marks; blood; empirical data; interpretation; trace
19	evidence
20	
21	Abstract
22	A study was designed to investigate the effects of external variables, including blood
23	type, flooring surface, footwear tread depth and blood dryness, on the appearance of
24	blood-based footwear marks, with particular reference to simulating a specific
25	casework scenario. Results showed that footwear marks left in human blood tended
26	to be of greater quality than those in equine blood, highlighting a potential issue in

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